

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) Waveguide filter comprising at least one cavity delimited by at least two inductive irises, wherein the filter furthermore comprises at least a block of foam placed inside the waveguide and supporting at least one metallization which forms at least one floating insert placed in one of the inductive irises ~~and supported by at least one block of foam.~~

2. (Currently Amended) Filter according to Claim 1, wherein the at least one floating insert is placed nearer to the edge of the iris than to the centre of the iris.

3. (Cancelled)

4. (Currently Amended) Filter according to Claim 2, wherein the at least one floating insert is printed on the block of foam.

5. (Previously Presented) Filter according to Claim 2, wherein the foam has a relative dielectric constant of close to 1.

6. (Previously Presented) Filter according to Claim 5, wherein the foam is a polymethacrylate foam.

7. (Currently Amended) Process for manufacturing a waveguide filter in which a waveguide is made in two parts, the waveguide comprising at least one cavity delimited by two irises, wherein before assembling the two parts of the waveguide, at least one block of dielectric foam is placed inside the waveguide, and in that the block supports at least one metallization which forms at least one floating insert placed in one of the inductive irises.

8. (Currently Amended) Process according to claim 7, wherein the at least one insert is made by a technique of printing on the foam.

9. (New) Filter according to Claim 2, wherein the at least a floating insert is painted on the block of foam.